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Express Mail No.: EL933683678US

Docket No.: 784CIP2BDIV

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
CONTINUING PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)

BOX PATENT APPLICATION  
U.S. Patent and Trademark Office  
Arlington, VA 22202

Sir:

Transmitted herewith for filing is the patent application under 37 CFR 1.53(b) of

Title: NOVEL NUCLEIC ACIDS AND POLYPEPTIDES

Inventor(s): Ping Zhou, Y. Tom Tang, Chenghua Liu, Vinod Asundi, Radoje T. Drmanac

- ☐ Applicant(s) suggest(s) Figure \* for inclusion on the front page of the patent application publication and patent

1. Type of application

- This application is a divisional of U.S. Application Serial No. 09/620,312, filed July 19, 2000, Attorney Docket No. 784CIP2B, which in turn is a continuation-in-part application of U.S. Application Serial No. 09/552,317 filed April 25, 2000, Attorney Docket No. 784CIP, which in turn is a continuation-in-part application of U.S. Application Serial No. 09/488,725 filed January 21, 2000, Attorney Docket No. 784.
- Applicants claim small entity status (See 37 CFR 1.27)

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Provisional Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on January 4, 2002, in an envelope addressed to the U.S. Patent and Trademark Office, Arlington, VA 22202 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EL933683678US

*Petrina S. Hsi*

Petrina S. Hsi

**2. Application Papers Enclosed**

1 Title Page  
184 Pages of Specification (excluding Claims, Abstract, Drawings & Sequence Listing)  
5 Page(s) of Claims  
1 Page(s) of Abstract  
0 Sheet(s) of Drawings (Fig. X-X)      ☐ Formal      ☐ Informal  
3159 Page(s) of Sequence Listing

**3. Oath or Declaration**

- ☐ An executed declaration of the inventor(s) is enclosed
- ☒ Unexecuted – the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

**4. Additional Papers Enclosed**

- ☒ Preliminary Amendment
- ☐ Information Disclosure Statement
- ☐ Declaration of Biological Deposit
- ☒ Computer readable copy of sequence listing containing nucleotide and/or amino acid sequence
- ☒ Paper copy of sequence listing identical to computer copy (3156 Pages)
- ☒ Statement Under 37 CFR § 1.821
- ☐ Assignment Document
- ☐ A bibliographic data entry sheet
- ☐ Verified translation of a non-English patent application
- ☒ Return receipt postcard
- ☐ Other

**5. Priority Applications Under USC 119**

Certified copies of applications from which priority under 35 USC 119 is claimed are listed below and

- ☐ are attached.
- ☐ will follow.

**6. Filing Fee Calculation (37 CFR 1.16)**

- Divisional Application (\$740.00/\$370.00) Filing Fee: \$370.00
  - Other Fees Filing Fee:
- Total Fees: \$370.00**

**7. Method of Payments of Fees**

- ☐ Enclosed check
- Charge Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed

**8. Deposit Account and Refund Authorization**

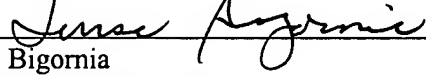
- The Commissioner is hereby authorized to charge payment of any additional fees due or credit any overpayment to Deposit Account No. 501169. A duplicate copy of this transmittal is enclosed.

Please direct all future correspondence to Petrina S. Hsi at the address below.

HYSEQ, INC.  
670 Almanor Avenue  
Sunnyvale, CA 94085  
(408) 524-8100  
(408) 524-8145 (Telefacsimile)

Respectfully submitted,

Date: January 4, 2002

By:   
Luisa Bigornia  
Attorney for Applicants  
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2002-01-04 14:00:00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Zhou, et al.  
Serial No: Not Yet Assigned  
Filed: Herewith  
For: NOVEL NUCLEIC ACIDS AND  
POLYPEPTIDES

CERTIFICATE OF MAILING  
BY "EXPRESS MAIL" UNDER 37 CFR § 1.10

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Type or Print Name of Person Mailing: Petrina S. Hsi

  
Signature of Person Mailing

**STATEMENT REGARDING SEQUENCE LISTING UNDER 37 CFR §1.821(f)**

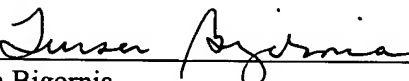
BOX PATENT APPLICATION  
U.S. Patent and Trademark Office  
Arlington, VA 22202

Dear Sir:

I hereby state that the content of the paper and computer readable copies of the sequence Listing, submitted in accordance with 37 CFR §1.821(c) and (e), respectively, are the same.

Respectfully submitted,

Date: January 4, 2002

By:   
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